NCR:	Yes	/ No				WORK ORDER NON-	CON	IFORN	MANCE / UP	DATE	DQA: QA Closed:	i	4	
Work Orde	er.	,				DISPOSITION AGAINST					PARTMENT	/PROCESS		
Part N	No.				· · · · · · · · · · · · · · · · · · ·	Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube  Machining Small Fab  Thermoforming Finishing  Large Fab Composite			Prod. Eng. Coor. Qualit			
Root					Descr	iption of work order update	Ir	nitial	Ac	tion	Sign &			
Cause		Date	Step	Qty		or Non-conformance	l l	ef Eng	Desc	cription	Date	Verification	QC Inspector	
oc/Data quip/Tooling perator Material etup Other rocess upplier raining	Data /Tooling ator erial p ers ess					;								
						F	AUL	T CATE	GORY					
Landi		Bending Centre No	ot Conce	ntric to (	o/s	General Bend BOM/Route		Grain Hardwa			Ovalized Over/Under	<del></del>	Pressure/Forced Temperature/Cure	
	Cracks Crushed/Crimped. Cuffs Heat Treat					Broken/Damaged Burrs Contamination Countersink				/Unclear	Part Incorre Part Lost/M Part Moved Positioned N	Weld Wrong Stock Pulled		
	Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion				,  -	Cut Too Short  Drill Holes  Drawing		Misread Offset Out of Calibration			Power Loss/	/Surge	Other	
	Turning Sequence Finish  Wave/Twist in Tube Folio					Finish			Sequence Dimensions					

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<b>Work Ord</b> April-11-13 2:3	•	652		Page 2	2							
Item ID: Revision ID: Item Name:	D3065-041 Step Leg Asse	embly Hi		Accept	*N900	<b>040</b>	100	)* 5	-	Start Stop	*NS1*	
Start Date: Required Date: Reference:	4/11/13 4/11/13	Start Qty: 20.00 Req'd Qty: 20.00	*20* *20*		Cust Item I Customer:	D:						
Approvals:	Process Pla	in:	Date:	Tooling: _ SPC (Y/N):		ate:		F	Run	Start Stop	*NR1* *NR2*	
Sequence ID/ Work Center II  130  *130*  QC  Quality Control	)	Operation Description QC21- Final Inspection -	Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Reje Qty	15/1	Reject Insp. Number Stamp 3 13-05	- 3

NCR:	Yes	1	No
NCK.	162	/	INO

DQA:

NCR: Y	es / No				WORK ORDER NON-	-CON	FORM	MANCE / UP	PDATE		ı	
					1					QA Closed:	Date	
Work Orde	r:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
					Rework		Skid-tube Crosstube				Water Jet 🗌	Engineering
Part N	0.				Scrap			Machining	Small Fab		d. Eng. Coor.	Quality
NCR No.					Use-as-is Work Order Update	]		noforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other
Root				Descr	iption of work order update	In	itial	Ac	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chie	ef Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data					ı						:	
quip/Tooling					1							·
Operator		:										
/laterial					1							
etup			}		1							
Other		]			T.			1				
Process											!	
Supplier					,						!	
Fraining [											1	
Jnapproved		<u> </u>										
						FAULT	CATE	GORY				
Landin	ig Gear				General				<b></b>	_	! _	
[	Bending				Bend		Grain			Ovalized	į L	Pressure/Forced
	Centre No	ot Conce	ntric to (	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
[	Cracks				Broken/Damaged		nspecti	on Incomplete		Part Incorre	ct [	Weld
	Crushed/	Crimped			Burrs		nstruct	ions Incomplete,	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs	_			Contamination		Mainte	nance		Part Moved	1	
	Heat Trea	at			Countersink		Mislabe	led		Positioned \	Wrong	_
Ī	Inspectio	n Strip in	Tube		Cut Too Short		Misread	i		Power Loss,	/Surge.	Other
Γ	Ripples in	Bend			Drill Holes		Offset				1	
Ţ	Torque W	Vaves in I	Extrusion	, [	Drawing		Out of 0	Calibration			!	
Ī	Turning S	equence			Finish		Out of S	Sequence				
Ī	W/ave/Tw	ist in Tul	he		T <sub>Eolio</sub>	$\Box$	Outside	Dimensions				

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## **Picklist Print**

April-11-13 2:33:05 PM

Work Order ID:

99652

Parent Item:

D3065-041

Parent Item Name:

Step Leg Assembly Hi

**Start Date:** 4/11/13

Required Date: 4/11/13

Start Qty: 20.00

Required Qty: 20.00

Component Item ID/ tem Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3065-1 Step Spacer	<del></del>	Manufactured	No			100	Each	81.0000	1	20		13/0	25/0
				Location		Loc Oty	Lo	oc Code					
				GA		81					70	790	72
				7449		1					5	174	4
				8130 9622		1						120	(US
03065-3		3.6	No	9022	2	79 100	Each	78.0000	1			تساكر	<b>/</b> .
Step Spacer		Manufactured	NO			100	Each	78.0000	1		3	3/	55/2
				<b>Location</b>		Loc Qty	<u>Lo</u>	oc Code					
				GA		78				//		•	
				6982		1					20	791	) )
				7329		4					'R9	THE	
				7515		14					7	20	$\mathcal{L}$
				8373 8387		12				<del></del>	`		ノ
				9441		44							-
				9569		2			· · · · · · · · ·			· /	1
3065-5		Manufactured	No			100	Each	97.0000	2	40		<	/_
Step Leg									<del></del>	<u> </u>		15	105./
				<u>Location</u>		Loc Qty	. <u>Lo</u>	oc Code					
				GA		97			· ·		•		
•	•			6722		• 1					$\sim$		4
				7328		19					- K 5	97	05
				9583 9715		37 40			-		· · ·	-	
				, 9/13	· U	40						30×	ソ)_
										<u> </u>	7.00 5	2//2	Ta
										4	5793	140	100

						I					DOA:	Date:	•
NCD: N	10c 1	' No				WORK ORDER NON-C	ומח	FORN.	AANCE / LID	DATE	DQA.	Date:	-
NCR: Y	es /	NO				WORK ORDER NOW-		ONN	MAITCE / OI	DATE	QA Closed:	Date:	
Mark Orda						DISPOSITION				AGAINST D	EPARTMENT,	/PROCESS	
Nork Order:						1 <u>—</u> 1			Skid-tube Crosstube Small Fab Thermoforming Finishing		Water Je Prod. Eng. Coor Rec/Store/Packaging		Engineering Quality Other
NCR N	No					Work Order Update	╛┃		Large Fab	Composite		Supplier	
Root						iption of work order update	1	itial		tion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Chie	f Eng	Desc	ription	Date	Verification	QC Inspector
oc/Data quip/Tooling perator Material		,										,	
other rocess upplier raining			· · · · · · · · · · · · · · · · · · ·			1 1							
napproved													1
					•		AULT	CATE	GORY				· · · · · · · · · · · · · · · · · · ·
Landi					r	'General				Г	<b>–</b>		7
•	Bending Centre Not Concentric to O/S Cracks			o/s	Bend BOM/Route Broken/Damaged		Grain Hardware Inspection Incomplete			Ovalized Over/Under tolerance Part Incorrect		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled	
	Crushed/Crimped Burrs Contamination				···		ions Incomplete/ nance	Unclear	Part Lost/Missing Wrong Stock Part Moved				
	Heat Treat Countersink Inspection Strip in Tube Cut Too \$hort				<b>—</b>	Mislabeled Misread			Positioned \ Power Loss	_	Other		
3				Drill Holes	<del></del>	Offset							
	_		aves in E	extrusio	n	Drawing	П	Out of C	Calibration				
	Turning Sequence Finish					Out of Sequence							
						Dutside	Dimensions						

April-11-13 2:33:05 PM

Work Order ID:	99652								
Parent Item:	D3065-041						Start	<b>Date:</b> 4/11/13	Required Date: 4/11/13
Parent Item Name:	Step Leg Assembly Hi						Star	t Qty: 20.00	Required Qty: 20.00
D3065-7 Step Spacer	Manufa	ctured <sup>No</sup>			100	Each	60.0000	1	20 /3 /85 /08
			<b>Location</b>		Loc Oty		Loc Code		
			GA		60			<del></del>	
				73291	7				
				74499	1				- B9613 (20x
				78666 33738	4				
				39971	10			·	
				91548	19				
			9	97908	18				
MS20470AD4-4 Rivet, Universal Head	Purchas	ed No			100	Each	392.0000	30	600 37/05/08
			Location		Loc Oty		Loc Code		
			GA		1				
				121652	1				
			ST336		391				
				116188	68				$ \mathcal{M}_{i}$
				118614	135			,	= M125268
				122027	188			<del></del>	
									(600x)

NCR: Y	es / No				WORK ORDER NON-	CONFOR	MANCE / UP	PDATE		1	
	,				l .		•		QA Closed:	D <sub>ate</sub> :	
Work Orde	r:	, .		· · · · · · · · · · · · · · · · · · ·	DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
				<del></del>	Rework	]	Skid-tube	Crosstube		Water Jet 🗌	Engineering
Part N	0.				Scrap		Machining	Small Fab	-₹	d. Eng. Coor.	Quality
					Use-as-is	Ther	moforming	Finishing	Rec/Sto	re/Packaging	Other
NCR N	o				Work Order Update	_	Large Fab	Composite	_	Supplier	
Root				Descr	iption of work order update	Initial	Ad	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data							*				·
quip/Tooling											
Operator		ļ			1					:	
Material	_										
Setup	_	1			!	1					
Other					1						
Process			1				į				
Supplier	_				İ						·
Training	_				I						
Unapproved		1				<u> </u>					
						AULT CATE	GORY				-
Landin F	g Gear			_	General	Па ·			٦		Pressure/Forced
-	Bending		_		Bend	Grain		<b> </b>	Ovalized		<b>⊣</b> '
-	Centre No	ot Conce	ntric to (	<sup>D/S</sup>  -	BOM/Route	Hardw			Over/Under	. —	Temperature/Cure
-	Cracks			<u> </u>	Broken/Damaged	<b>—</b>	tion Incomplete	,, , <u> </u>	Part Incorre	. —	Weld
	Crushed/	Crimped		-	Burrs	<b>⊢</b> —	tions Incomplete,	/Unclear	Part Lost/M		Wrong Stock Pulled
	Cuffs				Contamination	<b>—</b>	enance		Part Moved		
-	Heat Trea			_	Countersink	Mislab			Positioned \		70.5
-	Inspection		Tube	·	Cut Too Short	Misrea	d		Power Loss,	/Surge	Other
-	Ripples in		_	<u> </u>	Drill Holes	Offset	- 124 · · ·				
-	Torque W			י <b> </b> _	Drawing	<del></del>	Calibration				· · · · · · · · · · · · · · · · · · ·
-	Turning S			<u> </u>	Finish	<del></del>	Sequence		ACT CONTRACTOR OF THE CONTRACT		
l	Wave/Tw	ist in Tul	oe e		Folio	Outsid	e Dimensions			'	

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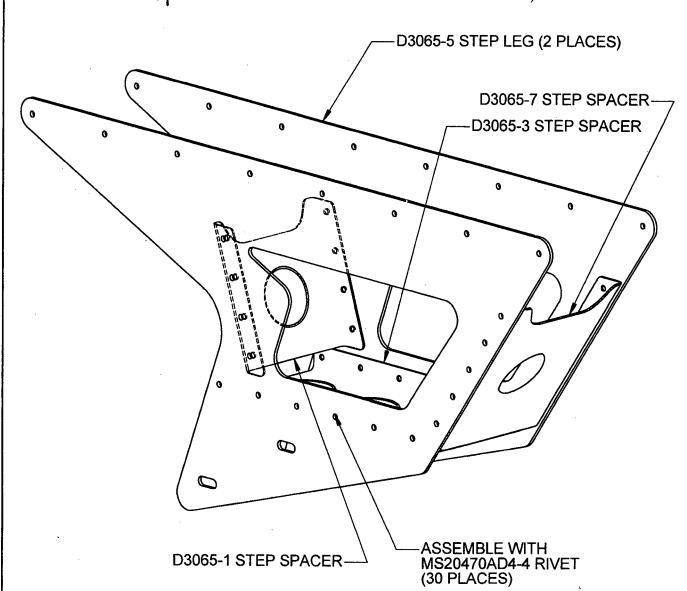


DESIGN	4	DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CA	
CHECK		APPROVED	DRAWING NO.	REV. B
	PH		D3065	SHEET 1 OF 5
DATE	06.0	NE 00	TITLE	SCALE
	06.0	05.23	STEP LEG ASSEMBLY	1:2
Α	0:	2.09.11	NEW ISSUE	
В	0	6.05.23	ADD 6061-T6 MATERIAL, ADD SLOTS	TO D3065-5

RELEASED

We do 20

99452 Pl 13-04-16

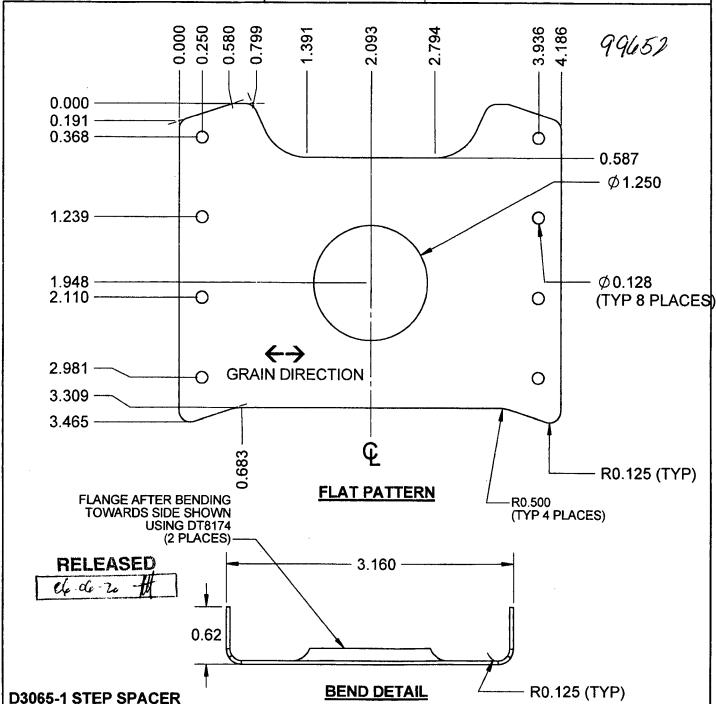


# **D3065-041 STEP LEG ASSEMBLY**

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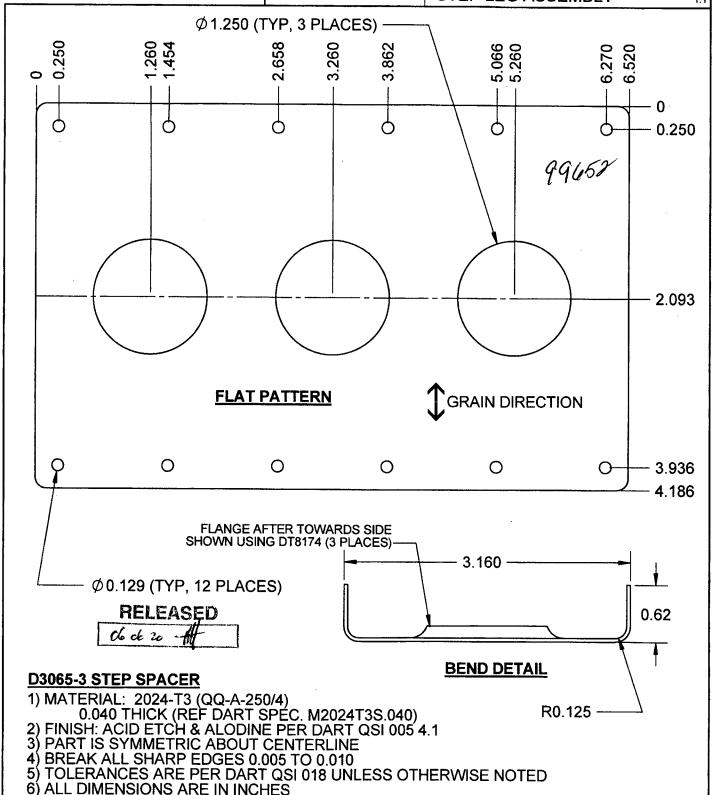


- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.040 THICK (REF DART SPEC. M2024T3S.040) 2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010 4) PART IS SYMMETRIC ABOUT CENTERLINE
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

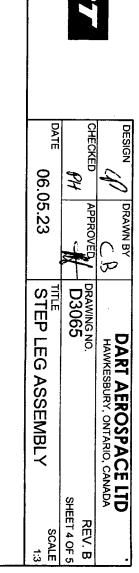
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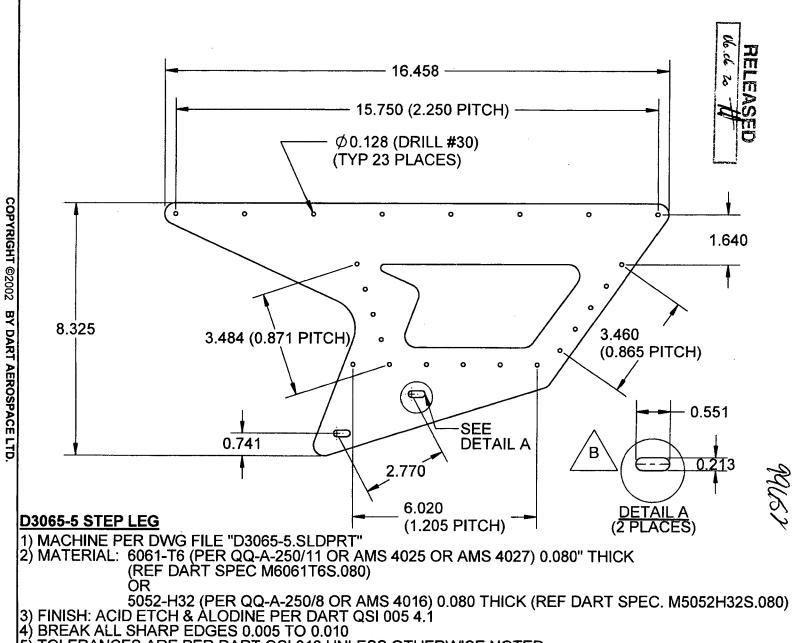






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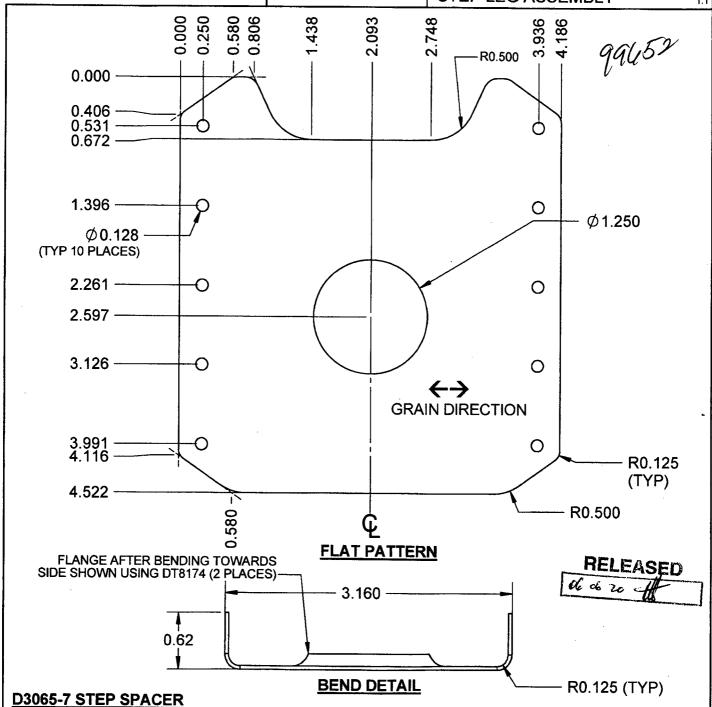




TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES







- 1) MATERIAL: 2024-T3 (PER QQ-A-250/4) 0.040 THICK (REF DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1
- 3) PART IS SYMMETRIC ABOUT CENTERLINE 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

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